

MATH 4341 : Linear Algebra II

Continuation of Math 2341. Linear transformations and similarity, eigenvalues and diagonalization, complex vector spaces, unitary and self-adjoint matrices, Spectral Theorem, Jordan canonical form. Selected topics in linear programming, convexity, numerical methods, and functional analysis. Prerequisites: [MATH 3334](#).

Credits 3

Course ID

006537

Requisites

[MATH 4341](#) Prerequisites: [MATH 3334](#)

Semester Offered

Spring semester